



Patent
Attorney's Docket No. 033211-013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Koji SHIMAZAWA, et al.)	Group Art Unit: Unassigned
)	
Application No.: 09/899,937)	Examiner: Unassigned
)	
Filed: July 9, 2001)	
)	
For: MAGNETORESISTIVE EFFECT THIN-)	
FILM MAGNETIC HEAD AND)	
MANUFACTURING METHOD OF)	
MAGNETORESISTIVE EFFECT THIN-)	
FILM MAGNETIC HEAD)	

RECEIVED
DEC 18 2001
Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Japanese Patent No. 04103014, issued April 6, 1992; and

W.P. Pratt, Jr., et al., "Perpendicular Giant Magnetoresistance of Ag/Co Multilayers", Physical Review Letters, Vol. 66, No. 23, June 10, 1991, pp. 3060-3063.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

Ellen Marcie Emas
Registration No. 32,131

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: December 6, 2001



Patent
Attorney's Docket No. 033211-013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Koji SHIMAZAWA, et al.

Application No.: 09/899,937

Filed: July 9, 2001

For: MAGNETORESISTIVE EFFECT THIN-
FILM MAGNETIC HEAD AND
MANUFACTURING METHOD OF
MAGNETORESISTIVE EFFECT THIN-
FILM MAGNETIC HEAD

Group Art Unit: Unassigned

Examiner: Unassigned

2652

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:

Ellen Marcie Emas
Registration No. 32,131

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: December 6, 2001